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DESCRIPTORS: *Manufacturing methods, Theory,
*Industrial production.

(Machinery--Manufacturing, TT, v. 6, no. 4)

61-22921

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CEA-tr-A-1205 Uncl.

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Trans. of German patent 1,113,565, by CIBA Aktien-
gesellschaft, Switzerland, Appl. 26 Mar 59, appl.
pub. and patent issued 7 Sep 61.

DESCRIPTORS: *Plastics, *Epoxides, Epoxy resins.
Chemical reactions, Catalysts, Molecular weight.

A process is proposed for the preparation of plastics
based on polyepoxides by hardening of polyepoxy com-
pounds with Friedel-Crafts catalysts, metal fluoro-
borates or boron trifluoride. Compounds, which, com-
puted from their average molecular weight, contain on
the average more than one epoxide group per molecule,
react in the presence of the catalyst with cyclic ethers
(Materials--Plastics, TT, v. 7, no. 11) (over)

62-10660

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(Physics--Thermodynamics, TT, v. 10, no. 3)

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DESCRIPTORS: *Electric insulation, *Electric cables,
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Trinn. of Politechnika, Lodz. Zeszyty Naukowe
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DESCRIPTORS: Textiles, *Fibers, Manufacturing
methods, Deformation, Mathematical analysis.

(Materials-Textiles, TT, v. 8, no. 11)

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*PL 480
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Trans. of Uspekhi Matematicheskikh Nauk (USSR)
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DESCRIPTORS: *Functional analysis, *Polynomials,
Convex sets, Equations, Mathematics, *Numerical
analysis, Functions.

(Mathematics, TT, v. 10, no. 3)

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- I. Zukhovitskii, S. I.
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